Verified that the below remains accurate:

12/17/23 - DHB

/ Warning: Polynomial is not unique; degree >= number of data points.

> In polyfit (line 79)

In rtGeometry (line 166)

In opticsRayTrace (line 82)

In oiCompute (line 174)

In t\_opticsBarrelDistortion (line 54)

In UnitTest.runProjectTutorials>runTheTutorial (line 113)

In UnitTest.runProjectTutorials (line 62)

In ieTutorials (line 67)

\*\*\*\*\*

Fixed. (BW).

/Users/dhb/Documents/MATLAB/toolboxes/isetcam/tutorials/camera/t\_cameraNoise.m -- BROKEN!

Broken because it tries to read from the now defunct archiva server. A reminder that

we need to figure out where to put data.

\*\*\*\*\*

BW: I don’t see this error on the ‘dev’ branch in isetcam. Jan 9.

Running /Users/dhb/Documents/MATLAB/toolboxes/isetcam/tutorials/sensor/t\_sensorInputRefer.m

Adjusting to a target rate of 2.0000

Direct calculation of photon rate: 3316.1433

Warning: Colon operands must be real scalars. This warning will become an error in a future release.

> In getMiddleMatrix (line 25)

In t\_sensorInputRefer (line 72)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

Warning: Colon operands must be real scalars. This warning will become an error in a future release.

> In getMiddleMatrix (line 26)

In t\_sensorInputRefer (line 72)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

\*\*\*\*\*

Fixed (BW) in rtGeometry for the polynomial. I am not getting the getMiddle matrix errors.

Running /Users/dhb/Documents/MATLAB/toolboxes/isetcam/tutorials/optics/t\_opticsBarrelDistortion.m

Warning: Colon operands must be real scalars. This warning will become an error in a future release.

> In sceneGridLines (line 36)

In sceneCreate (line 521)

In t\_opticsBarrelDistortion (line 17)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

Warning: Colon operands must be real scalars. This warning will become an error in a future release.

> In sceneGridLines (line 37)

In sceneCreate (line 521)

In t\_opticsBarrelDistortion (line 17)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

Ray trace optics: wideAngle.zmx

Geometric distortion ...Warning: Polynomial is not unique; degree >= number of data points.

> In polyfit (line 80)

In rtGeometry (line 166)

In opticsRayTrace (line 82)

In oiCompute (line 180)

In t\_opticsBarrelDistortion (line 54)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

Warning: Polynomial is not unique; degree >= number of data points.

> In polyfit (line 80)

In rtGeometry (line 166)

In opticsRayTrace (line 82)

In oiCompute (line 180)

In t\_opticsBarrelDistortion (line 54)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)

Warning: Polynomial is not unique; degree >= number of data points.

> In polyfit (line 80)

In rtGeometry (line 166)

In opticsRayTrace (line 82)

In oiCompute (line 180)

In t\_opticsBarrelDistortion (line 54)

In UnitTest.runProjectTutorials>runTheTutorial (line 131)

In UnitTest.runProjectTutorials (line 80)

In ieValidate (line 219)